Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Friday 15 Dec 2023 until 23:59 on Saturday 16 Dec 2023

Forecast Issued on Thursday 14 Dec 2023 at 16:44

Confidence: High for mild, largely settled conditions through the coming days, but lower for details of precipitation from later Saturday due to uncertainties regarding southward movement of a rain band, and the introduction of colder air next week.

Headline for Friday 15 Dec 2023: Mainly dry with sunny spells, cloud increasing later. Strong winds

Mountain weather hazards on Friday 15 Dec 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Sunny intervals	Sunny intervals	Cloudy	Cloudy
Precipitation probability							
10%	10%	10%	<05%	<05%	<05%	20%	20%

Forecast for Friday 15 Dec 2023

Weather: Rather cloudy in the west with a little drizzle possible, but most places dry overnight with some long clear spells in the east. Then a bright day with some sunny spells, the best of these across eastern hills through the morning. Cloud increases later in the afternoon bringing, especially to western hills an increased risk of drizzle through the evening.

Chance of cloud-free hill tops above 600m: Around 60% in the west but 90% in the east, but chances falling in the late afternoon and evening.

Low Cloud and visibility: Occasional or periods of cloud, becoming persistent at times in the evening, above 450-600m in the west but only small amounts below summit level in the east through daylight hours. Otherwise visibility good or very good but falling, especially in the evening, to several kilometres in drizzle.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Friday 15 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/24 W	17/26 W	20/31 W	22/33 W	23/34 W	24/35 W	25/37 W	31/45 W	29/43 W
300	8/19 W	9/21 W	11/24 W	13/28 W	14/29 W	13/29 W	13/28 W	17/36 W	17/35 W
Valley	2/12 W	3/13 SW	3/15 W	5/16 W	8/20 W	6/19 SW	9/21 SW	12/28 SW	11/26 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-1	3/-2	3/-2	4/-2	4/-2	5/-1	6/1	6/1	6/0
300	5/2	5/2	5/2	6/2	6/3	7/3	8/5	8/5	8/4
Valley	5/4	5/3	5/4	6/4	8/6	8/6	9/6	9/6	9/7
Freezing Level*	1100m	1000m	1000m	1000m	1300m	2100m	2100m	1800m	2100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Valley temperatures in east locally plus 2 or 3 Celsius at dawn. Feeling cold on the summits despite rising temperatures.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Thu 14 Dec 2023	2.4mm	3mm	11.4mm

Forecast for Saturday 16 Dec 2023

Weather: Rather cloudy with occasional, mainly light, rain and drizzle, the best of any brighter spells expected across eastern hills.

Maximum wind: Southwesterly 25-35mph, gusts around 55mph over ridges and summits.

Chance of cloud-free hill tops above 600m: Little chance across western hills but nearer 40% in the east.

Low Cloud and visibility: Periods or persistent cloud above 450-600m, but more occasional above 600-750m at times in the east. Away from cloud, visibility good falling to several kilometres in rain and drizzle.

Temperature: **Valleys:** Plus 7 or 8 Celsius at dawn rising to 11 or 12 Celsius by day
At 600m: Around plus 6 Celsius
Freezing level: Well above the summits.

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